



Application
Battery Manufacturing

Products Used
951

Problem

A car battery OEM was looking for improved quality control in the manufacturing process. As the battery goes down the line, it is in two pieces and the top and bottom halves are melted and pressed together. If they are not properly sealed, the battery acid will leak and the battery must be scrapped.

Solution

A 36 inch 951A was installed to monitor the distance between the two halves. The position of the 951 was wired back to the customer's PLC to monitor this dimension.

Benefits

- Less scrap material
- No maintenance required
- Consistently maintains a .001" repeatability
- Absolute feedback. No need to re-home or re-calibrate in the event of a power loss.

Conclusion

Replaced limit switch sensors with a Gemco LDT to provide highly accurate and repeatable feedback.

Gemco's 953 VMAX LDT can also provide continuous absolute position feedback in the harshest environments.



AppNote.AOR
10/06.Z226